Appl. No. 10/605,422
Reply to Office action of August 13, 2007

REMARKS/ARGUMENTS

Request for Continued Examination:

5   The applicant respectfully requests continued examination of the above-indicated application as per 37 CFR 1.114.

1. Rejection of claims 1 and 4-10 under 35 U.S.C. 103(a):

Claims 1 and 4-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Damera-Venkata (US 6,920,243) in view of Buhr et al. (US 6,791,716).

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Response:

Independent claim 1 has been amended to overcome this claim rejection. Claim 1 now contains the limitations previously present in claim 8, and claim 8 has been cancelled. No new matter has been added as a result of this amendment.

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As a result, claim 1 now recites that when computing processed colorimetric channels X' and Z' based on the processed luminance channel Y', "a relationship between the processed colorimetric channel X' and the colorimetric channel X satisfies the equation $X'=(X/Y)*Y'$."

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Since neither Damera-Venkata nor Buhr teach calculating the processed colorimetric channel X' based on the equation $X'=(X/Y)*Y'$, the currently amended claim 1 is patentable over the cited prior art.

25   Furthermore, claims 4-7 and 9-10 are dependent on claim 1, and should be allowed if claim 1 is allowed. Reconsideration of claims 1, 4-7, and 9-10 is respectfully requested.

2. Rejection of claims 2 and 3 under 35 U.S.C. 103(a):

30   Claims 2 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable

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Response:

5   Claims 2 and 3 are dependent on claim 1, and should be allowed if claim 1
is allowed. Reconsideration of claims 2 and 3 is respectfully requested.

3. Introduction to new claims 11-18:

New claim 11 is drafted to include the limitations of original claim 1 and 9,

10   and no new matter has been added.

New claim 11 recites that when computing processed colorimetric channels
X' and Z' based on the processed luminance channel Y', "a relationship between
the processed colorimetric channel Z' and the colorimetric channel Z satisfies the

15   equation $Z'=(Z/Y)*Y'$."

Since neither Damera-Venkata nor Buhr teach calculating the processed
colorimetric channel Z' based on the equation $Z'=(Z/Y)*Y'$, new claim 11 should
be patentable over the cited prior art.

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New dependent claims 12-18 are duplicates of original claims 2-7 and 10,
respectively, and no new matter has been added.

In addition, claims 12-18 are dependent on claim 11, and should be allowed

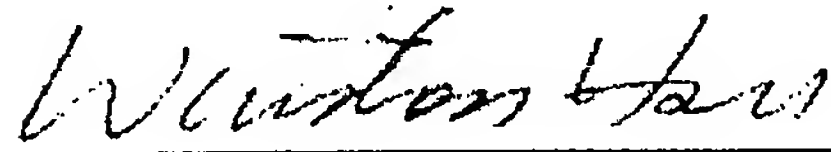25   if claim 11 is allowed. Reconsideration of claims 11-18 is respectfully requested.

In view of the claim amendments and the above arguments in favor of
patentability, the applicant respectfully requests that a timely Notice of Allowance be
issued in this case.

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Applicant respectfully requests that a timely Notice of Allowance be issued in this

case.

Sincerely yours,

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Date: 09/04/2007

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